

**SOLAR RADIO NOISE STORM AT 164 MHZ****FROM NANÇAY RADIOHELIOGRAPH**

FEBRUARY 2003

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES <sup>1</sup>		IMP <sup>2</sup>	OBSERVING TIME <sup>3</sup>	
	E-W	S-N		START(UT)	END(UT)
06/02/03	-0.76	-0.05	I	8H34 E	15H35 D
08/02/03	-0.42	+0.19	I	11H20	15H35 D
11/02/03	+0.34	+0.08	I	8H34 E	12H38
19/02/03	+0.95	+0.28	I	8H34 E	15H35 D
20/02/03	-0.40	+0.47	III	8H33 E	15H35 D
20/02/03	+1.05	+0.59	I	13H50	15H35 D
21/02/03	+1.27	+0.39	II	8H33 E	15H35 D
22/02/03	+1.41	+0.26	III	8H33 E	15H35 D
23/02/03	+1.46	+0.34	II	8H33 E	15H35 D
26/02/03	-1.44	-0.17	I	8H56 E	12H39 D
27/02/03	-1.38	+0.22	I	11H41 E	15H33 D
28/02/03	-1.29	+0.19	I	8H46 E	15H34 D

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<sup>1</sup> POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

<sup>2</sup> IMP1: FLUX < 5 SFU IMP2: 5 < FLUX < 20 SFU IMP3: 20 < FLUX < 100 SFU  
IMP4: 100 < FLUX < 300 SFU IMP5 > 300 SFU

<sup>3</sup> E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

**SOLAR RADIO NOISE STORM AT 327 MHZ  
FROM NANÇAY RADIOHELIOGRAPH**

FEBRUARY 2003

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES <sup>1</sup>		IMP <sup>2</sup>	OBSERVING TIME <sup>3</sup>	
11/02/03	+0.34	+0.14	I	8H34 E	15H35 D
19/02/03	-0.53	+0.47	I	10H40	15H35 D
19/02/03	+0.99	+0.25	I	8H34 E	15H35 D
20/02/03	-0.48	+0.51	III	8H33 E	15H35 D
20/02/03	+1.12	+0.28	I	8H33 E	15H35 D
21/02/03	-0.02	+0.37	III	8H33 E	15H35 D
21/02/03	+1.29	+0.20	II	8H33 E	15H35 D
22/02/03	-0.03	+0.56	II	8H33 E	15H35 D
22/02/03	+0.31	+0.34	II	8H33 E	15H35 D
22/02/03	+1.35	+0.14	II	8H33 E	15H35 D
23/02/03	+0.22	+0.43	I	8H33 E	15H35 D
23/02/03	+0.53	+0.39	I	8H33 E	15H35 D
26/02/03	+1.02	+0.16	I	8H56 E	12H39 D
27/02/03	-1.13	+0.16	I	11H41 E	15H33 D
28/02/03	-1.2&	+0.20	III	8H46 E	15H34 D

**01,02, 03,25 FEBRUARY : NO DATA**

**OTHERS DAYS: NO DETECTABLE NOISE STORM**

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a more detailed analysis leading to increased uncertainties in the deviation, the positions which are indicated are estimated within 0.2 R.

\*\* Following a large burst.

\*\*\* Importance not well determined due to the proximity off the very strong other source.

\*\*\*\* No flux measurements available.